

# THE EMPRESS EXPRESS

NO. 166 XVI. No. 19

EMPRESS, ALTA. THURSDAY, Feb. 28, 1929

Price: \$2.00 Per Year

## United Church

The Church School, 2:00 p.m. Public Worship, 7:30 p.m.

Text: "Senses are excited to discern both good and evil." "There are men, who, walking along the common highway, will pick up a stone, spit it and take a gem out of it; this is because they know gems. There are men, who, enter the very mountains of wealth and come out empty handed; this is because they do not know gems."

We invite you to worship with us.

Rev. Geo. A. Shields, Minister.

Don't forget the Empress Masquerade dance.

I could supply a few more customers with cream, Tuesdays and Saturdays. Purity and cleanliness guaranteed. T.B. tested herd—Milton Leach.

## Farm for Sale

Three-quarter Section Farm for Sale, 450 acres cultivated, good buildings, 9 miles E. East of Bindloe; 1 mile from graded road, 2 miles from Leland Hall. Good community people, a desirable place for a good family to live. Schools and Church Service.

Tenant Wanted: If farm not sold soon farm will be rent to an experienced farmer with good power equipment—Apply to T. C. Rogers, Bindloe, Alta.

## DINNER TIME!

Watch your food and watch health. Health is but a wise man's wealth.

Health is wealth and you get your money's worth in this restaurant. Wholesomeness abides in this, the home of modern dishes with the old-fashioned flavor.

## White Lunch

Good Meals at Popular Prices Give us a trial when in town

N. Frappier, proprietor

## Cod Liver Oil--Health Builder

We stock standardized products only, of the highest quality obtainable. One teaspoonful is equal in vitamin content to one pound of creamy butter, or eleven pints of milk or nine eggs. Recommended for children and adults as a builder or strength producer

## EMPRESS DRUG CO.

## Famous "Bull Dog" FANNING MILLS

ON HAND!

Call and let us explain about the new features on the New Wonder DRILL, and other new improvements on The McCormick Dorring Machinery. None better.

If you are going to get a TRACTOR, call and see us before purchasing, as we will be able to give you real service.

All Tractors have a number of New features which are an improvement over last year. J. I. Case have an entirely new Tractor which is a wonder, 28 1/2 Horsepower. This is just the Tractor you want for a Combine, with lots of power, and takes no more gas than the smaller one.

## The Empress Lumber Yards

J. N. ANDERSON, prop.

## An Important Meeting

A meeting of those interested in getting a telephone service north of the Red Deer river, is to be held at Wainfleet School, Friday, March 8, at 3:30 p.m. Mr. Wm. Rowles will also give a report of the Convention doings of the United Farmers. All interested are welcome.

## Sugar Beet Crop Valuable

The value of Alberta sugar beet crop in 1928 is placed at \$241,900. Some 5,200 acres of beets were harvested yielding an average of 7.22 tons per acre which will bring growers a return of \$7.75 per ton. Officials of the Canadian Sugar Factories Limited report a steadily growing interest in this industry in the southern part of the province and predict that the average planted in 1929 will considerably exceed that of last year.

Don't miss Buster Keaton in "College," this week. The hapless of all Keaton comedies.

## Return From Wedding Trip

Mr. and Mrs. F. Schofield arrived in town on Friday night after a honeymoon trip, to make their home here in the Bank of Commerce block. The happy couple were joined in holy matrimony at Youngs town recently. We join in the general congratulations offered them.

## The Empress BAKERY

Get Your Bread, Cakes and Pastry from us.

Town Deliveries made if required.

## MURRAY The Baker

## Bonsaipl Supper

The Charles Bonquet held in the theatre on Wednesday, Feb. 28, proved to be one of the most successful of its kind that has been held here. Two long tables tastefully decorated with flower arrangements, the fifty-eight guests, "O Canada" was sung by the assembled guests, and after a general dinner, the Ray, Geo. A. Shields, a very enjoyable report was served. After the dinner most of the guests, the guests took their ease and smoked while amusements were played by an orchestra composed of: N. Guelk, piano; S. Barne, violin; W. Arthur, saxophone; E. McEuen, drums. They rendered a good variety of music. Humorous and popular selections were also played on the orthophonic kindly loaned by the R. Pool Hardware.

Reg. Pool, president of the Club acted as chairman. Several toasts were given and replied to, speakers during the evening included, Rev. Morrison, G. Cox, I. Ferguson and H. Blott, of Lethbridge; L. Clark, R. L. Arthur, N. D. Storey, D. McEuen, W. Leach, Rev. Geo. A. Shields. The supper was called at 8 p.m., and finished at 10 p.m. It was very fittingly concluded by the singing of "God Save the King." Altogether a very pleasant social time. Mr. Pool, filled his dual office of chairman and master of ceremonies very ably. The committee in charge are to be congratulated on the arrangements made and the capable manner in which the affair was carried off.

## New Industry

Promised for Edmonton

Another new industry of considerable importance is promised for Edmonton in the announcement made during the past week that Messrs. Dingwell and Dixon have purchased property in this city for the erection of a plant to be known as the Shind to Fox White Construction and be situated shortly on the point which will in full operation will employ some thirty men.

## Secure Your Auto License

Cons. Bureau informs us that owners of motor cars, using their cars in the district within our having, procure their 1929 license are advised to do so at once, as he has orders to take summary action.

Mrs. N. R. Storey made a trip to Swift Current, Wednesday.

## Bonsaipl Results

The results of the local bonquet were finally decided by Saturday night, excepting the grand aggregate prize, which is to be played for by the O. Leach and W. Leach rinks. Both these rinks won and lost the same number of games in the Spiel. The successful rinks were: Pingle Trophy—1st. O. Clark; 2nd. D. McEuen. Prizes, Parker pen sets, silver band and cake plates. Anderson Trophy—1st. McEuen; 2nd. Stothers. Prizes, four 10.00 sweaters; four 6.00 sweaters.

Storey Trophy—1st. W. Leach; 2nd. O. Clark. Prizes, auto robes and clocks. McEuen's Shield (consolation).—1st. D. McEuen; 2nd. W. Leach. Prizes, four hams, knife sets.

Assessment of Winning Rinks O. Clark, H. Stothers, E. Saunders, R. Clark, W. Leach, J. Ruch, M. Morrison, F. Scott, D. McEuen, W. Arthur, Norris Storey, W. Ingles, McEuen, A. McEuen, J. Ritchie, G. Shumway, W. Stothers, C. Young, C. O'Leary, O. Ellis.

## Bigger Sunday School Attendance Looked For

The teachers and officers of the United Church Sunday School, would like to see a larger number of children at Sunday School. Now that the weather has improved, would parents see that they are sent in good time, so that we may start promptly at 2 p.m.

## Buster Keaton in "College"

The story is that of a high school graduate (Keaton) who comes to college, meets a girl and at her instigation sets out to conquer the college athletic world, making himself a veritable pretentious champion. The bank occurs in a croquet race, with Keaton a vital factor in the result.

Campuses of the University of California, and of Southern California and other colleges were employed for scenes; the Southern Seas Club, Bilboa, Cal., the Coliseum, Los Angeles, and the Buster Keaton Studio are other sites employed in making the film.

The Empress rink now at Gabri, was reported to have reached the four of one of the events on Wednesday.

## At Ottawa

Feb. 18, 1929

Editor of the 'Empress Express' Dear Sir:

The work of Parliament has proceeded briskly during the first week. The debate on the Address lasted only two days. This debate usually lasts several weeks but only a few spoke on it this year.

In 1919 an address was presented to His Majesty the King. This year a resolution was introduced asking for a Committee of eleven to review and bring in a report on the whole question.

It was pointed out that it was embarrassing for the King not to be able to exercise his prerogative in giving titles for distinguished services. Every country in the world has adopted the plan of bestowing titles. As foreign decorations can be worn in Canada it is not reasonable to have precluded the King from giving British titles.

Those opposed to the resolution argued that as the Government of Canada in the first place made the recommendation, that it was to some extent a return of patronage and was subject to great abuses. It was felt that service could not be measured. Could the service given by leaders in the commercial and political life be compared to the service of those who fought in the great war? Should not the private be knight as well as the colonel or the general?

Titles tend to make class distinctions and this is not desirable. Mr. King and Mr. Bennett both voted to have a Committee appointed, but the count was 60 in favor and 114 against.

A bill was introduced and defeated that provided that consent of Parliament must be obtained before any bank merger could take place. At present, after the shareholders of both banks have approved, the consent of the Governor-in-Council through the Finance Minister only must be obtained. Bank mergers have been common, as in 1900 there were 20 banks in Canada, now only 10 or 11 remain. This tends to leave the credit of the country in the hands of a very few men. J. F. Morgan remarked once that if he could control the credit of the country he could not who made the laws.

## C.G.I.T. Tea

Spring Tea and Sale of Flowers on Sat., March 2nd, at 2:30 p.m. in the United Church Sunday School room, under the auspices of the C.G.I.T.

It was pointed out that banks were sometimes in an embarrassing position temporarily on account of frozen credits. If they refused to pay a cheque depositors would be alarmed, a run on the bank and disaster would result. The soundness of the Bank Act was generally conceded. The capital of a bank belongs to the shareholders, and not one cent of it is ever loaned out. The Bank must always keep on hand in gold coin, Dominion of Canada Notes, and in their Bank premises, more than the paid up shares and the reserve. Therefore, the Bank lives entirely on the depositor's money, and when they make a loan it is not their own money, but the depositor's.

The option seemed to be that Parliament could not quickly enough in giving decision with the C.G.I.T. with the Bank merger.

The Root Vegetable Act, the Narcotic Drug Act, War Reparations, Technical Education and many private measures received attention.

F. W. Gershaw.

## Heavy Windbreakers. Just the thing

For Fanning the Grain in and doing the Chores.

Reduced prices at

3.00 up.

## 3 Leather Jackets

A good garment for the Cold Weather.

## At a Big Reduction in Price

## Moccasins

Buckskin, Horsehide and Moosehide

All sizes for Men and Boys

Men's, 2.00 to 3.00

Boys's, 1.25

## SANDY'S

If Men Wear It, Sandy Has It

## EMPRESS THEATRE

This Week:  
BUSTER KEATON  
IN  
"COLLEGE"

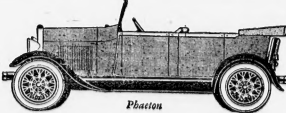
Prices: 50c. and 25c.

Next Week:  
RAMON  
NOVARRO

IN

"ACROSS TO SINGAPORE"

Prices: 50c. and 25c.



You Will Have to Have  
1929 Number Plates

I have for your convenience Number Plates on hand. Be sure that you have your Serial Number, Engine Number, Make of Car and Year it was made. This will save time and time is money. Get your plates now before it is too late.

N. D. Storey, the Ford Man

**Too Much ACID**

Many people, two hours after eating, suffer indigestion as they call it. It is usually excess acid. Correct it with an alkali. The best way, the quick, harmless and efficient way, is Phillips' Milk of Magnesia. It has remained for 50 years the standard with physicians. One spoonful to water neutralizes many times its volume in stomach acids, and at once the symptoms disappear in five minutes.

You will never use crude medicine when you know this better method. And you will never suffer from excess acid when you prove out this easy relief. Please do that—for your own sake—now.

Be sure to get the genuine Phillips' Milk of Magnesia prescribed by physicians for 50 years in correcting excess acids. Each bottle contains full directions—any drugstore.

### This Changing World

Annual stock-taking is a wise procedure on the part of every individual and nation: it is absolutely essential in the case of the man in business if he is to make a success of the enterprise in which he is engaged. This is true whether the man be the manager of a large industrial concern, or the owner of a small country store. It also applies to the man who is engaged in the business of farming because to succeed he must know where he has made money and where he lost it; he must find the mistakes before he can plug the holes.

Any such stock-taking should include a study of the trend of business throughout the country and the world to the extent that such study is possible. Especially in view of the close commercial relations existing between them, and the fact that they do a larger business with each other than with any other country, the people of Canada and the United States should understand not only what is taking place in their own country, but also in the neighboring country. For these various recent analyses of United States business in 1928 as compared with 1927 are of value to Canada.

Three comparative studies reveal some startling developments and trends in business. For example, soft coal output decreased 6.1 per cent, and petroleum production 0.9 per cent, while the output of electricity increased 9.2 per cent, thus indicating the rapidly with which electric power is striking stenna power. Railway carloadings dropped 0.4 per cent, but the railway figures by millions of dollars, but freight movement by motor is progressed over a large mileage, and mail and express movements advanced.

The above figures would seem to indicate certain factors and lessons for the modern trend is more rapid transportation of commodities. Department store sales increased 1.1 per cent, mail order sales jumped 11.9 per cent, and chain store sales 17.1 per cent. On the other hand, wholesale trade fell 0.4 per cent, and retail trade 0.2 per cent. This is direct selling from producer to ultimate consumer. Possibly one of the effects of this development is found in the increase of 1.2 per cent in the number of business failures, notwithstanding the year was one of great production, large constructive development and prosperity.

The modern trend in the larger use of electricity, more and more efficient machinery, and more rapid transportation is emphasized by the fact that in a year of general increase in production and construction, employment decreased 3.2 per cent. In contrast with this is the fact that union wage rates were 0.4 per cent, higher, indicating that, while there was decreased employment, those in employment were paid slightly higher wages.

The buying power of United States farmers rose 6 per cent, revealing an improvement in the agricultural situation. Business profits rose 11 per cent, savings bank deposits 8.9 per cent, life insurance sales 5 per cent. The above figures would seem to indicate certain factors and lessons deserving of earnest consideration by all business men. The fact that business profits rose 11 per cent, but business failures increased indicates that the business men who have been informed of and have adapted their operations in conformity with, changing conditions succeed while the uninformed and ultra-conservative lags out. To the artisan, clerk and working man the figures seem to say that in this machinery age the man with knowledge and initiative, in a word, the efficient man, is in demand not at even higher wages, while the inefficient finds increasing difficulty in securing work.

The same economic forces are at work in Canada as in the United States, and the same tendencies are to be noted, the only difference being that this country is not so highly industrialized and has much greater natural resources still in an undeveloped state calling for manual labor. In the commercial world, especially in the retail merchant class, the problem of the mail order house, the chain store, the department store, the department store in the hands of great concerns, and the allied problems of transportation and distribution, are becoming quite as acute, and if he is not to go under the small dealer must meet these changing conditions. He cannot do it alone, single-handed, but his chances of success are good through co-operation.

In the past few years, and particularly in 1928, a great change has taken place on our western Canada farms through the introduction of the combine, the motor truck, and the building of good roads. Through these means production will be increased on the one hand, while less human labor will be required—that is, there is the same tendency in agriculture as in manufacturing industry. This means that, large as western farms are on the average compared with other countries, they will, as operating units, become larger, with all the changes involved. Here, too, the further application of co-operative principles and methods will make for success.

The world will not stand still. It is moving forward at an ever faster pace and he who would stay in the procession, be merchant, mechanic, farmer or clerk, must be capable and equipped to move with it. The basic foundation of such equipment is as wide a knowledge as possible of the current trend of events and the developed methods of coping with the changes and developments so rapidly taking place.

"Blue Blood" Defied  
"Blue blood" defying an aristocrat, had its origin in the popular belief that the veins of the high-born carried blood of a purer, deeper blue than those of a plebeian people. This misapprehension probably arose from the fact that shiner, blue-veined, not dark, fairer skin, through which the blue of the veins was more clearly seen.

**A Health Saving Reminder**  
**Don't Wait**  
until you get the

**Influenza**  
USE  
**Minard's Liniment**

At the first sign of H. Influenza  
The old reliable, THE  
OLD RELIABLE, THE  
W. S. U. 170

**Pertussis From Trail, B. C.**  
Further experiments with superphosphate from the smelter at Trail, B. C. will be conducted in 1929 by the Alberta Department of Agriculture in conjunction with the Brandon experimental farms and C.P.R. experimental farms. An abundant quantity of this fertilizer will be available to meet demand.

**Long Term Payment**  
Mrs. Higgins had just paid the last instalment on a perambulator.  
Shop Assistant: "Thank you, madam. How is the baby getting on now?"  
Mrs. Higgins: "Oh, it's all right. It's getting married next week."

**Germany's New Street Car**  
Capable of carrying 117 passengers and of attaining a speed of 50 miles an hour, a new single-deck street car is being tested in Dresden, Germany. It is so long that the conductor has to announce the stopping places by microphone.

### What Farming Is

Not Merely A Business But Building A Home

When a buyer goes hunting a farm his first question often is, "What is the location of the property in relation to schools, churches, highways, and shipping points?" Farming is more than a business. Farming is living, building a home, rearing children and educating them.

Here is where community life comes into the picture. When people take an interest in neighborhood affairs; when they help to improve their schools, their churches, their streets, they are improving their own surroundings and adding to the value of their farms.

He is a very cultured buyer indeed, who would purchase a farm in a district where the community life is dull, and where schools and churches, physically and spiritually, are in a state of decay.

### NEW HEALTH FOR TIRED-OUT WOMEN

Found in the Rich, Red Blood  
Dr. Williams' Pink Pills  
Actually Make.

Anemia comes on gradually, beginning with languor and inclination to mental or bodily exertion, irritability, and nervousness. Later comes the paleness of the face, headache, frequent backaches and often disturbed digestion and an inability to obtain rest at night. One of the first signs of anemia is more nervous, but if taken in time it need not worry. Dr. Williams' Pink Pills are free from any harmful or habit-forming drug, are just the thing to remedy this wretched state of health, and will build up the blood, and strengthen every organ and nerve in the body. This strength and activity further the appetite, improve the sleep, and give the system a new vigor. Mrs. D. E. Planning, Salt Harbor, N.S., who says: "I was in a fairly run-down condition, and my sleep was very poor. In fact, I was hardly able to do much work about the house. I decided to try Dr. Williams' Pink Pills and after taking a few boxes can truthfully say that I have gained greatly in health and strength and was able to do about my work with no more of the former weakness. I cheerfully recommend them to all others who may be in a run-down condition."

You can get the pills from your druggist, or by mail at 50 cents a box. Write to Dr. Williams' Medicine Co., Brockville, Ont.

### Experimental Farm System

Canada Has Largest System Of Its Kind In The World

The Canadian Government Experimental Farm system now embraces 27 farms, seven sub-stations, four horse-breeding station, one for poultry, 10 plant pathological laboratories and 201 illustration stations at different points in the system. The largest of its kind in the world.

**Mothers Value This Oil**—Mothers who know how suddenly crop may seize their children and how necessary prompt action is in supplying the child with food, will find that experience has taught them that this is an excellent preparation for the treatment of this ailment. And they are wise for the various men render it a valuable medicine.

"You naughty child! Such good soup! I wonder how many children would be glad to get half that."

"I should, for me, mother."

Use Minard's Liniment for the Flu.

A woman graduate of Glasgow University has been Scotland's first woman minister.

**CURCURA HEALS LARGE PIMPLES**  
Caused Itching Burnings, Also Disfigurement.

"My complexion was completely marred by pimples which varied in size. Some were large, hard and inflamed. They caused me much distress. They caused an itching, burning sensation, also disfigurement."

"After using several remedies for over two years, with but little result, I sent for a free sample of Curcure Soap and Ointment. I was so pleased with the results that I bought a box, and after using two boxes of Curcure Soap and one box of Curcure Ointment, my complexion was completely healed." (Signed) E. E. Blackburn, 20 Bellevue Ave., Toronto, Ont.

Use Curcure to clear your skin. Write for free sample to Curcure Co., 1000-1001, 1002-1003, 1004-1005, 1006-1007, 1008-1009, 1010-1011, 1012-1013, 1014-1015, 1016-1017, 1018-1019, 1020-1021, 1022-1023, 1024-1025, 1026-1027, 1028-1029, 1030-1031, 1032-1033, 1034-1035, 1036-1037, 1038-1039, 1040-1041, 1042-1043, 1044-1045, 1046-1047, 1048-1049, 1050-1051, 1052-1053, 1054-1055, 1056-1057, 1058-1059, 1060-1061, 1062-1063, 1064-1065, 1066-1067, 1068-1069, 1070-1071, 1072-1073, 1074-1075, 1076-1077, 1078-1079, 1080-1081, 1082-1083, 1084-1085, 1086-1087, 1088-1089, 1090-1091, 1092-1093, 1094-1095, 1096-1097, 1098-1099, 1100-1101, 1102-1103, 1104-1105, 1106-1107, 1108-1109, 1110-1111, 1112-1113, 1114-1115, 1116-1117, 1118-1119, 1120-1121, 1122-1123, 1124-1125, 1126-1127, 1128-1129, 1130-1131, 1132-1133, 1134-1135, 1136-1137, 1138-1139, 1140-1141, 1142-1143, 1144-1145, 1146-1147, 1148-1149, 1150-1151, 1152-1153, 1154-1155, 1156-1157, 1158-1159, 1160-1161, 1162-1163, 1164-1165, 1166-1167, 1168-1169, 1170-1171, 1172-1173, 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## Higher Tariffs Against Canadian Produce Being Discussed At Washington

Ottawa—Public sentiment in Canada would in all probability be aroused by the action of the United States in placing tariff barriers in the paths through which formerly Canadian exports to that country passed, said A. E. Darby, secretary of the Canadian Council of Agriculture, addressing the tariff advisory board in session here. While depicting any move on the Dominion's part to retaliate against the measures which the United States was taking to protect her industries, Mr. Darby suggested that there was possibility of Canada entertaining seriously plans for a tariff war with her southern neighbor.

In the other side of the boundary between this country and the United States, said Mr. Darby, "we see at the present time very strong demands indeed for the increase of tariffs against Canadian products. We have very strong demands indeed for the increase on tariffs on Canadian agricultural products. We have demands for increases on a considerable variety of articles which enter into trade between Canada and the United States. Now, in my view, that will have two regrettable consequences. It will interfere seriously with the trade between the two countries, imposing artificial obstacles in the way of it. Every industry of Canada, indeed, must suffer. And it will create in the minds of Canadian people a temper in which they are likely to demand that some retaliatory measures be adopted."

### Ratifies Kellogg Treaty

Action of Lithuania May Affect Trade Between Russia and Poland

Revy, Lithuania—The Lithuanian government ratified the Kellogg treaty.

Ratification of the Kellogg pact by Lithuania has significance in its bearing upon negotiations between Russia and Poland for a special protocol applying the pact in a localized sense to the states that touch the western frontier of Russia. Poland and Lithuania have been at odds over frontier questions and over the ownership of Vilna, a city which Lithuania claims as legitimate capital but which is now held by Poland.

### Inspector's Scagrove's Car

Prince of Wales Learns Things About Speed Riding

London—The Prince of Wales, driving alone in his automobile, made one of his regular visits to a London motor house to inspect the car "Golden Arrow" and the speedster "Miss England," with which Maj. H. G. Scagrove is alleged to attack world's speed records this year.

The major happened to be present and he showed his vehicle to the prince, answering many questions about the reputation of speed riding.

### Decline in Dairy Production

Winnipeg—High spring feed prices and troubling orders by local buyers for dairy cows caused a falling off in total dairy production for 1925 in Manitoba, according to A. C. McKay, president of the latter manufacturer's section of the Manitoba Dairy association. The year, on the whole, was a record, the president intimated in his address.

## Demand Of Canada Favorably Considered By Radio Conference

Ottawa—Canada's claim to 50 per cent. of the intermediate waves has it is understood, been successfully maintained at the international radio conference meeting here. While the proceedings continued to be closely guarded, the scheme of division is believed to be approximately 40 per cent. to Canada and 60 per cent. to the United States. Newfoundland, Cuba and Mexico will share certain of the channels. From the fact that most of the waves have a range of only 1,000 to 2,000 miles, Newfoundland can share

### Needs Britain's Protection

Iraq Is Not Sufficiently Prepared To Defend Itself

London—Differences between British and Iraq governments over the ability or otherwise of Iraq to defend itself have resulted in the resignation of the Iraq cabinet under Premier Asaf Jafar Pasha of Askeri.

The British authorities hold the view that Iraq placed under British protection after the war, is not yet ready to assume full responsibility for its defense.

Conflicts between the British and Iraq governments in 1923 provided the responsibilities of Great Britain as a mandatory power shall be terminated when Iraq is admitted to the League of Nations.

Iraq has a population of nearly 7,000,000, practically all Mohammedans. Its chief city is Baghdad, and the territory is east of Arabia, comprising 160,000 square miles.

It is believed that the British in London is at even the existing agreements between Great Britain and Iraq are not fulfilled partly with regard to military and financial matters, including railways and ports.

### New Planes For B. C.

Will Increase Coast Fleet to Five

Vancouver, B. C., Flying Boat

Purchase of two modern flying boats to add to the modern fleet in British Columbia was announced by W. L. Brant, chief of Winnipeg, general manager of the Western Canada Airways, Ltd.

The two boats, Douglas D-1-Es, are the same type as those used on Pacific routes on the British Columbia coast last season with certain modifications growing out of last year's experience.

"We are not planning to start a passenger service in British Columbia at present," Mr. Brant explained. "We will confine our operations to fisheries patrol, photographic flights, sketch mapping and other aerial work."

The new planes will give the company a fleet of five flying boats here.

### Exhibition May Be Re-Established

Winnipeg Raters Will Vote On Question in March

Winnipeg—An exhibition which the province here will take a prominent place among the exhibitions of the Dominion is being planned at Winnipeg, according to Winnipeg rights, sketch mapping to western exhibition authorities meeting here yesterday.

Winnipeg raters will vote in March on the question of whether or not they wish to authorize expenditure of \$550,000 for the re-establishment of the city's exhibition.

### Unemployed March to London

London—The unemployed men marching from Glasgow to London expect to reach here about February 21. The first contingent numbers about 200 men but other parties will swell the total probably to 1,000. Two field kitchens and ambulances accompanied the marchers, who will hold collections and hold demonstrations en route.

### Class B Fairs

New Dates Are Set At Meeting Held in Winnipeg

Winnipeg—The establishment of an eastern and a western circuit of B class fairs, and the setting of dates for fairs in each circuit, was the principal result of a session of the Western Canadian Fair association held at the Fort Garry hotel.

The Western Canadian Association of Exhibitions, which comprises the class A fairs circuit, held its convention in the afternoon.

Archibald Wilson of Saskatoon, heads the Western Canadian Association of Exhibitions for the coming year, being elected president to succeed H. W. Abbott of Edmonton at the closing session. H. G. Smith, Regina, was re-elected vice president of the organization and S. W. Jones, Saskatoon, will continue in office as secretary-treasurer.

Johnny J. Jones was awarded the contract for midway shows at class A fairs.

Because the circuit of the Western Canadian Fair Association had become so unwieldy by reason of the large number of fairs, it was divided into two circuits, and the dates for fairs set as follows:

Eastern circuit—Carman, June 28 to July 1; Brandon, July 2 to 6; Portage la Prairie, July 8 to 10; Dauphin, July 11 to 13; Prince Albert, July 15 to 17; Melville, July 18 to 20; Yorkton, July 22 to 27.

Western circuit—Weyburn, July 11 to 13; Assiniboia, July 15 to 17; Lethbridge, July 18 to 20; Red Deer, July 22 to 24; Camrose, July 25 to 27; Vegreville, July 29 to 31; Vermilion, Aug. 1 to 3; Lloydminster, Aug. 5 to 7; North Battleford, Aug. 8 to 10.

### Crosses Atlantic In Steamer's Lifboat

Stowaway Found England Had Feet Frost-Bitten During Voyage

New York—Matthew Underhill, youthful cheese cart driver of Cheshire county, England, completed a stormy crossing of the Atlantic in a lifboat, an uncomfortable Red Dory, on the dangerous journey, for the lifboat all the time was hanging in its davits on the last of the Lusitania.

For five days the stowaway stuck it out through storm and cold, living on the emergency rations in his hiding place. He kept his hands warm against his body, but his feet were frost-bitten and just before the ship reached quivering the pain drove him forth.

He collapsed while telling his story but was revived and put to bed in the ship's hospital. He will be sent back to his cheese cart.

### Root Crops Show Increase

Ottawa—Root and fodder crops for 1925 totaled by the bureau of statistics showed not only considerable increase over the previous year's production but a considerable increase in acreage under cultivation, according to figures given out.

## BACK FROM THE BARRENS



Although he had not been out of the Barren Islands for fifteen years, George Yandell, trapper, maintained a fine sense of civilization. The first thing he did when he got to the Pass he did not even wear his hat. He reached Winnipeg was busy hunting a pair of rats with zippers. Yandell acted as interpreter when Count H. P. T. de la Roche, the Russian, was in the far north. The photograph, which was taken outside the Canadian expedition, was taken when Yandell was in the Barren Islands, just after the trapper's

### RECEIVES IMPORTANT POST



Dr. Charles R. Best, collaborator with Dr. F. G. Banting in the discovery of insulin, has been appointed to the chair of physiology of the University of Toronto. He succeeds J. J. R. MacLeod, who left Toronto to return to the University of Aberdeen.

### Prizes For Research

Two Will Be Given For Best Work in Cancer Investigation

London—The grand council of the British Empire cancer campaign announced approval of an offer of two prizes of \$2,500 each, in 1925 and 1926, for the best original piece of work in the investigation of cancer carried out in the British Empire. They will be known as the Garton prizes.

The report of the Medical Research Council, summarizing the work of various research centers in 1924, claims malignant growths in the early stages of cancer can be removed by the radium treatment successfully as by any surgical means.

### Plan Air Endurance Test

Flight to Prove Claim Made For New British Plane

London—The "Mutt" says that a sea-coast flight from Capetown to England is planned to test the claim made for a new British airplane that it is capable of flying faster than without refueling than any other in the world.

The plane, which has tanks for three and one-half tons of gasoline in its hollow 38-foot wing, is now being put through trail flights. Two pilots will fly in it Capetown by way of the Cape and attempt the return flight without a stop.

### New Senator Appointed

Ottawa—Hance J. Logan, former Liberal member for Cumberland, N. S., in the House of Commons, has been appointed to the Senate, filling the vacancy in that body caused by the death of Senator W. B. Ross.

Announcement of the appointment was made at the prime minister's office.

## Western Trade Boards May Ask Freight Rates Revision For Prairies

### Will Adopt Pension Scheme

Ontario Delegates To Follow Action of Western Provinces

Ottawa—The provinces of Ontario will shortly come in under the federal old-age pension scheme. This was stated by Hon. Peter Hecan, minister of labor, to a delegation representing the Confederation of Catholic Workers of Canada, which waited upon the government.

Mr. Hecan further said that the Dominion government was prepared to discuss with the provinces, which embraced the present scheme, suggestions for improving it. The government was prepared to consider with the provinces the adoption of a contributory system of old age pension.

It was considered advisable, however, to get the present system established before making changes. The minister of labor said he anticipated that the province of Quebec would follow Ontario and embrace the old age pension system also.

### France Seeks Payment For German Sugar

Over Three Million Dollars Worth Not Paid For Is Claim

Paris—A search for more than \$3,000,000, owing the French government, was being made by police after it was revealed that repayments of sugar had been turned over to private concerns and not paid for.

Leon Polony, former professor of political economy at the University of Lille, has been arrested as a ringleader in the plot against the government. He is accompanying police on their visits to various concerns believed involved in the deals.

Forty thousand tons of sugar were delivered by Germany in lieu of cash for regular payments. The sugar was turned over to the Sugar Farming company and the Franco-Moroccan Navigation company to sell, but the government has not received payment for it.

### South African Tourists Greeted By Snowstorm

Students Wanted Thrill and Got It

Toronto—In the midst of a blinding snowstorm 27 students of South African universities arrived here in the company of their tour of United States and Canada.

"Just what we wanted," one of them exclaimed heartily, though the students were finding the storm troublesome.

"We were counting on Canada for the thrill of real cold weather, but to have the snow and the 'ice hockey,'" T. Thorpe, Capetown university spokesman for the visitors group, said.

The students were the guests of Toronto university and left for Montreal for a visit to McGill university. Before completion of the tour the students will have been away from home for three months and will have travelled 50,000 miles.

### Treating Drug Addicts

Geneva—Natsuke Sato, the Japanese League of Nations representative, has informed the international opium committee that Japan was successfully applying medical treatment to Korean opium addicts. Out of 681 cases, 660 had been sent to hospitals and cured.

### Wrote For "Punch"

London—Rudolph Chambers Lederman is dead at Boume Dead after a long illness. He was famous as a writer of humorous columns and also for the light witty verses which he contributed to "Punch."

## Soviets Are Willing To Extend Protocol To Baltic States

Paris, Poland's acceptance of the Soviet proposal for a protocol protecting the Kollig pact into effect immediately in eastern Europe, will be a beneficial result, it is believed, in connection with the general situation in that part of the world.

The Russians have indicated that they are willing to admit not only Poland but also Rumania and the Baltic states to the provisions of this protocol.

It is believed that the Russian government has no diplomatic relations with

Moore Jaw—When the Boards of Trade of Western Canada met in annual session in the near future, it is learned here that a proposal will be brought forward which may finally result in the freight rate structure of the prairies being entirely revised.

The proposal, which is understood on good authority, is to be presented for discussion, is the application to all forms of manufacturing articles of the "milling in transit" principle that at the present time applies only to grain and flour.

Under present day arrangements, flour milling concerns may buy a car of wheat for the best rate from the point of original shipment, grind it into flour and ship the flour to any section of the country under a "through" rate, securing thereby credit for the local freight payment.

It is now suggested that the western boards of trade should give consideration to making an application to the board of railway commissioners for the application of this principle to other manufacturing products.

It is argued, according to the authority now quoted, that coal, for instance, should be shipped from the west coast to coke oven locations in Moose Jaw, Regina, Winnipeg and other points, the raw product being turned into coke even before being moved to the point of ultimate consumption in the "milling in transit" rate.

Similarly, it is argued, this rate could be made to apply to all grain products, logs from British Columbia turned into milled goods, cattle brought into the packing sheds and even fruit to the Okanagan.

## Sacrifices Life To Save Companion

Montreal Woman Insists on Fireman Saving Victim From Fire

Montreal—Trapped in a top floor apartment, which she occupied with Miss Harriet Barr, a close friend, Mrs. N. Rajko, widow of Col. W. N. Rajko of London, England, sacrificed her life to save that of her companion in a fire which destroyed the five-story building.

When the firemen forced their way into the Rajko apartment from a ladder, while the fire was sweeping the lower floors, they found Mrs. Rajko near the window and started to cut her out safely, but the incident that they first saw Miss Barr, who was already overcome by smoke. The firemen carried Miss Barr down the ladder and returned to the top floor to find a seething mass of smoke and flames. Their efforts to rescue Mrs. Rajko were in vain and it was not until four hours later that they were able to make their way into the building and carry out her charred body.

### To Tour Europe

Ottawa—Arrangements have been concluded here for the European tour of a large party of Canadian club members. The group which is expected will draw members from every part of the Dominion, is to pull from Montreal aboard the liner Laurentic June 8.

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It is significant that Poland has until the present time refused the Kollig pact before accepting the Soviet proposal.

W. N. U. 1779



# Preparing New Calendar For Each Year Requires Six Years Of Co-Operative Effort

A letter pointing out the unnecessary inconvenience caused by the position of Christmas and New Year's day in the calendar of 1928, and giving an illuminating picture of the intricate systems of calendar making that are undertaken each year, has been received by the editor of "Interdependence," the monthly review of the League of Nations Society in Canada, which has its headquarters at Ottawa, from Miss I. Cotworth, well known calendar expert and director of the International Fixed Calendar League.

Mr. Cotworth is the exponent of a fixed calendar of thirteen months of twenty-eight days each to replace the irregular Gregorian calendar now in use and pointing out that because Christmas fell upon a Tuesday in 1928 much inconvenience was caused to employers and employees as the majority had to return to work following the week-end, on Monday, thus interrupting the holiday and making it impossible for people to visit their friends or relatives at distant points. Under the International Fixed Calendar which is suggested as an efficient alternative to that now in vogue, Mr. Cotworth points out that Christmas would always fall upon a Monday, as would all other holidays throughout the year, creating a long week-end holiday to the benefit of the world at large.

Dealing with the complexity of the work of preparing a new calendar for each year, Mr. Cotworth continues: "The fact that the basis for making each year's calendar requires six years of co-operative work by the last astronomers of several nations, should be known to all who yearly buy or receive calendars. For example, the first calculations for the year 1928 were completed on August 17th, 1927 by eminent scientists in the Greenwich Observatory and the Nautical Almanac Office. They work out for all nations the Right Ascension and Declination of the Sun, Moon and 84 of the Fixed Stars at each of the 24 hours, for every one of the year's 365 days.

By August, 1928, these were printed and sent to the directors of the National Observatories in the United States, Germany, France and Spain, to enable each to begin its quota of the great work they mutually shared out, so that no part is duplicated. The United States astronomers work out for all Nations, the Eclipses for the Sun and Moon, and the hourly positions of the planets with their satellites. Germany calculates the hourly positions for 307 of the Fixed Stars below the Celestial Arctic Circle to the Tropic of Cancer. France works out the hourly positions for the Polar Stars within the Arctic Circle, etc. Spain does like work for 65 of the more southerly stars.

About one and a half years later these four National Directors having printed their results and sent copies to each other and to the Greenwich authorities, who will combine them in the "Nautical Almanac" for 1933 which they will print and issue about the end of 1930. The complete Nautical Almanac will then be sent to the directors of Geodetic Offices in all Nations, to enable each to work out from its data, the tide tables showing the daily times and heights of tides for each of his country's ports, ready for issue to the makers of calendars not later than January 1932, so that calendars for 1933 may be printed ready for distribution during the last months of 1932.

Friend—Get a touch of neuralgia. Dearhead—I wonder if he'd lend me any!

First Dead Man: "Are you going for a walk?"  
Second Dead Man: "No. I'm going for a walk."  
First Dead Man: "Oh, I thought you were going for a walk."—*Thorn Humor, Madrid.*

W. N. U. 1770

## Operates Big Farm

Alberta Farmer Has 1,500 Acres Included in His Holdings  
Peter Hettlinger, a farmer in the Morinville district, near Edmonton, Alberta, recently purchased an quarter section, or 600 acres of land at Morinville for \$57,000, an average of over \$95 per acre. Fully 600 acres of this farm are under cultivation and it is one of the finest farms in the district. He is now one of the largest land owners of the Edmonton district, with 1,600 acres included in his holdings.

Mr. Hettlinger came from North Dakota, U. S. A., with his parents to Morinville in 1881. He was then a boy of 14. A few years later he took up a homestead a few miles from Morinville and has gradually increased his holdings until today he owns 10 quarter-sections.

## A Successful Immigrant

Man From Sweden Does Well With Farming Operations in Saskatchewan

Another instance of a successful immigrant launching out on an ambitious scale of farming is that of Andrew Anderson of Alaskan, Sask., who came from Sweden in 1910, he farm farming a homestead of 100 acres and now farms 4,500 acres which, in 1928, yielded 54,000 bushels of Marquis wheat. But the farm is something of a show place as well containing, among other things, an aporrium and an artificial lake.

## Winnipeg Newspaper Union

*Winnipeg Free Press*

A recent survey of Canadian industries shows 4,500 groups of articles fully or partially manufactured in the Dominion, while approximately 1,500 Canadian firms or corporations are active exporters.

Radio Sets in Canada  
It is estimated that there are about 350,000 radio sets in use in Canada, the majority of which are in the rural districts, where reception is always better than in the urban areas.

"My razor doesn't cut at all."  
"Why Henry, your beard is tougher than the kitchen linoleum."

He—"A penny for your thoughts."  
She—"What do you think I am—a slot machine?"

About three-fourths of the world's silk is used in the United States.

## NEW PICTORIAL STAMP ISSUES

Seven new stamps were issued by the post-office department and are on sale to collectors and others desiring special sets. These stamps are issued by the department to replace the old issue which is at present in use. Of the new issue the highest value is the one dollar, which is olive-green in color and depicts Canada's legislative building at Ottawa. The blue 50-cent is pink in color and depicts a harvesting scene. Next in order is the 12-cent gray, on which

How To Order Patterns  
Address: Winnipeg Newspaper Union, 175 McDermott Ave., Winnipeg  
Pattern No. .... Size ....  
Name .....  
Town .....

## Experiments Interesting

Materials Tested Under Pressure Lose Their Familiar Properties. Tremendous pressures have reversed almost completely the familiar properties of some well known substances in experiments at Harvard University.

Paraffin, under pressures ranging between 200,000 to 600,000 pounds a square inch, became so hard that Prof. Percy W. Bridgman pronounced it harder than machine steel. Rubber became so hard that it was pronounced usable as a die to form steel.

Dr. Bridgman found that steel tended to flow, if not like water, at least sufficiently to spread. It became useless as a lubricant. Oil turned solid. Mercury, after a pressure of 60,000 pounds began to escape, the theory being that its atoms were forced between those composing the steel chamber in which it was imprisoned.

One of the objectives of the experiments is to test materials used in manufacture of big guns. Another is to study the molecular and atomic changes in various substances.

## Flu Epidemic in East

Forty Per Cent. of Population Of Ontario Have Been Affected Or

Forty per cent. of the population of Ontario were stricken with influenza during the recent epidemic, according to figures issued at the provincial department of health, Toronto, today.

Many districts in the province had 100 per cent. of their population stricken, it was stated, while 50 per cent. of the population of Toronto had suffered from the disease.

"The number of cases is diminishing daily, but the death rate for the number of reported cases is still increasing," Dr. S. J. Bell, deputy minister of health, stated.

## Odde In Her Favor

Angry Mother—"You've got a nerve to ask me to give back your ball when you nearly killed one of my children with it."  
The Boy—"Well, lady, you got children an' we ain't got but one ball."

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is shown Quebec bridge. The next three sets issued, the eight, five and three cent stamps, show a portrait of King George, and are dark blue, purple and red, respectively. The issue has been acclaimed by collectors and others as the most beautiful ever issued by this country and one of the best issues, as far as collection of colors and design is concerned, in the world. Each has a large amount of scroll work around the pictures.

## SALVATION ARMY TROUBLE

General Brumwell Boutt, supreme commander of the Salvation Army, has been asked by the high council of the provincial exhibit, state that of the Army to retire from active leadership because of ill health.

## Alberta As A Grain Country

Province Growing Grain Equal To Any On The Continent

W. J. Stephen, Alberta Field Crop Commissioner, who attended the Chicago International Livestock and Grain Show, where he was in charge of the provincial exhibit, stated that a very favorable impression was made by the exhibits from this province, which upheld and enhanced its reputation as a grain country.

He pointed out that Alberta won more premium money at Chicago than any State in the Union, and more than all the other provinces in Canada combined. Of the 58 entries 32 secured prizes and the consensus of opinion by those attending the show was that Alberta is growing grain equal to any on the continent.

## Airplane Service in Canada

No Other Country Fits It To More

Varied Use  
Flying has now become a recognized part of practically every conservation, development, and engineering service in Canada. The activities of Canadian pilots and aircraft range from observing for the sealing fleets off the Atlantic coast and during in Cape Breton Island to forest fire protection and fishery patrols on the Pacific coast; from air mail service to Police Inspectors, and the enforcement point of Canada, to the observation of ice conditions throughout the winter in Hudson Strait and transportation in the Yukon. Nowhere in the world has the aeroplane been put to more practical varied uses.

## Sodium Sulphate Deposits

The investigation of the natural sodium sulphate deposits in Western Canada by the Department of Mines has proved tonnage of hydrous sodium and magnesium sulphate in excess of 100,000,000 tons. There are many other deposits in the Prairie Provinces, which could produce sodium sulphate, but while the markets are limited and the price low, only those close to railways can be considered as producers at present.

## Has Horrible Name

But New Acid Is Considered Useful By Chemists

Xylylhydroxyacetic acid, Sounds horrible, but it's not nearly so bad as it sounds and you may be drinking it soon. In fact, Dr. Warren E. Emley of the Bureau of Standards told the American Chemical society recently that it makes good lemonade. Xylol, its drug element, is wood sugar which is made from peanut shells and cottonseed waste.

## A Good Definition

An old adage has been in trouble for stealing chickens and was convicted on circumstantial evidence; he said:

"What is circumstantial evidence, Sam?"

"Well," he said, "as near as I kin 'plain it, run de way it has been 'plained to me, circumstantial evidence is de feathers dat you leave 'bout around after you has done wid de chicken."

## Treatment Not So Good

Bachelor—"Does your wife treat you same as she did before you were married?"

Married Man—"Not exactly. Before we were married, when I was before he refused to sleep."

King Mihai of Rumania, ruler over 18,000,000 subjects, recently celebrated his seventh birthday.

# The Dominion Fuel Board Issues Progress Report Dealing With Present Fuel Situation

## Canadian Fishing Industry

Revenue From Industry In 1928 Estimated At \$14,500,000

With the completion of final returns the total value of the Canadian fishing industry for 1928 will be about \$14,500,000. The salmon pack of the Pacific coast was about 2,000,000 cases and the value over \$14,500,000. The pack was the largest for five years, the increase over 1927 being 700,000 cases. The halibut fisheries on the Pacific coast landed 50,000,000 pounds, an increase of more than 2,000,000 pounds over 1927. The total value of this fishery exceeded \$3,000,000.

On the Atlantic coast, while the fisheries of New Brunswick, Prince Edward Island and Nova Scotia had one of the most prosperous years since the end of the war period. Only since 1919 have the catch and the value been greater. The catch was about 20,000,000 pounds in excess of 1927 and the total value will exceed \$11,000,000.

The total investment in the Canadian fisheries is about \$52,000,000. About 80,000 persons are employed in the catching and processing of the product. The annual value of the catch, if it were to be seen, is greater than the total investment.

## Invents Unique Device

Egg-Turning Tray Is Idea Of Duchesne Of Montreal

That Duchesne can get good workmen as well as ladies of title has been demonstrated by the Duchesne of Montreal, who has invented a device for keeping eggs in perfect condition, either for incubation or for consumption. She calls it the French egg-turning tray and it is being enthusiastically endorsed by leading agriculturists in Great Britain.

Eggs will keep fresh and fertile for a long period if they are turned half over every 12 hours but to turn a large number of eggs individually every 24 hours is a long task. The "Duchesne" tray takes care of the operation in about a second.

The tray is about four feet long and 16 inches wide and divided crosswise by strips of wood into 17 spaces, each holding six eggs placed close to end, that is 102 eggs in all. The eggs rest on a length of canvas three inches longer than the bottom of the tray and affixed to a roller at either end. The overlapping three inches is wound round one of the rollers and when it is necessary to turn the eggs all that is necessary is to turn the opposite roller downward so that the extra three inches of canvas is rolled about it. The tray is simultaneously just the required distance.

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It has a sweet taste and no food value, and in addition to its possibilities as lemonade, chemists think it can be utilized as an industrial substitute for glucose and as a food for diabetes sufferers.

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The Dominion Fuel Board has issued a progress report covering the problem of the Board and states that the fuel situation in Canada has undergone since publication of the Board's interim report of 1923. The report records conditions of five years ago, when the main fuel problem was one of supply, with those of today, and states that there is now an abundance of both native and foreign fuels for all purposes and that the major problem now is one of markets for Canadian coals.

At the time of the Board's inception a question of primary importance was to replace foreign anthracite in Central Canada by suitable alternative fuels. There had now arisen a strong national desire for a maximum of Canadian fuel independence instead of reliance on the United States for 50 per cent of the coal used. A number of broad investigations have contributed materially to the solution of the problem of the fuel situation of fuel and in part, at least, to the solution of the other problems of national independence. Ontario and Quebec, though still using large quantities of American anthracite, are no longer entirely dependent on foreign fuel, producers of which are fighting wars in their own country to retain a declining market. Coke, British anthracite, low volatile coals and fuel oil are strong competitors with American anthracite in the household fuel trade, and the range of Alberta and Maritime coals is being extended through special projects. The fact is emphasized, however, that the problem of Canada's complete fuel independence is still unsolved. The geographic handicap consequent on the location of our largest markets far from our producing fields, but in close proximity to those of the United States, is one difficult to overcome.

The report summarizes the results of widespread investigation in fuel utilization conducted by the Board through its members and in some cases with the assistance of consultant outside engineers. It is shown that technical research is opening up many possibilities for more efficient and increased uses of coal. In the matter of low temperature carbonization of bituminous coals, the report points out the difficulty of applying in Canada methods now in operation in countries like Great Britain, France and Germany where the density of population provides a near and ready market for the products. The Board, however, is keeping in close touch with the development of the different processes so that advantages may be taken of them should they prove applicable to conditions in Canada.

The report closes with the statement that the necessity for the study of fuel problems will probably continue as long as coal is mined. A new fuel research laboratory now being completed for the Ministry of Mines is an exceptionally well equipped and through association with the Department the Fuel Board will avail itself of these improved facilities.

"I am so unhappy. My husband suffers from kleptomania!"  
"I'm so sorry. Does he suffer much pain?"—Vikingsen, Oslo.



## Is Unique Institute

Children From Many Lands Attend International School at Geneva

One of the most unique educational establishments in the world exists at Geneva in Switzerland, where at "Ecole Internationale" children of seventeen different nationalities receive instruction together, writes the editor of "Interdependence," the monthly review of the League of Nations (International Civil servants) of officials of the International Labor Office, of the International Red Cross, the Y.M.C.A. and of other international organizations which have their headquarters at Geneva. A baffling educational problem was presented when, following the formation of the League of Nations, individuals of many different nations connected with the Secretariat had to take up residence in Geneva and establish their families there. There were Czech and Chinese children; Latin and Lithuanian, English and French, and the progeny of many other nations. The first problem was by the Swiss schools were not attractive, as emphasis was placed upon Swiss cantonal history, and upon local and national, rather than international matters.

A school was finally evolved that was fair and even to the interests of all nations represented, and which was run on strictly international lines, with two official languages being English and French. It was founded in 1924 and has since, denominated its importance and efficiency, having grown from a small day school of twenty-five pupils to an institution with both day and boarding departments.

Children, unacquainted with French or English are taught one or the other, and after a few months, are sufficiently familiar with the new language to take their lessons in it. English scholars can usually acquire a working knowledge of French in six months, while the French usually take a little longer as they hear the English language only in school.

### Douglas Fir

Tree Received Its Name From David Douglas, Scottish Botanist

Douglas fir, the largest timber tree grown in Canada, receives its name from David Douglas, the first person to describe the tree to the scientific world. Douglas was a Scottish botanist who, just one hundred years ago, first came to America in 1825 and left his continent (No. 33) spent several years in British Columbia and the northwestern United States. During this time he discovered a hundred and fifty species of plants previously unknown to science, and he introduced into cultivation in the British Isles two hundred and seventeen species, including the Douglas fir, the sugar pine, and the redwood. The Douglas fir was first discovered by A. Menzies, the surgeon of Vancouver in his voyage of discovery, but was introduced to Europe by Douglas.

### U. S. Government Forests Deficit

Brigadier-General Herbert M. Leach, director of the United States budget, expressed the opinion that the country faced a possible deficit of \$500,000 this year, due to the expense of new legislation and tax refunds. He said he was hopeful of making his books balance, if the returns under the new tax bills were large enough.

### Not For Publication

"Would you use some views of the hotel to send your friends?" asked the polite hotel manager.

"No," replied the disgruntled guest. "I think it would be better for me to keep my views of this place to myself."

Blue pencils have become famous by popular with editors because blue, more than any other color, completely hides the word to be deleted.

Perhaps the skeleton in a man's closet matters little if he is in plenty of bones in his bank account!



"You look miserable. Haven't you shot anything?"

"Yes—a gamekeeper!" — Journal Amuseur, Paris.

W. N. Y. 1720

## Using Poison Dust To Protect

Government To Start Intensive Campaign Against Insect Menace

Government departments specializing in the work of forest protection will enter another and more intensive campaign against the insect menace to timber during 1929, according to a statement from the entomological branch of the Department of Agriculture. Aeroplanes will probably play an important part in this new war. Machines specially equipped for the work will carry a poison dust over forests where the appearance of the insect destroyers is noted and experts hope to put into service a larger machine than has been formerly employed.

Operations during 1928 showed that dusting by means of a specially-equipped aeroplane hired for the purpose totaled \$7.04 per acre, over 715 different acres of forest. An official report on this report says: "This amount is considered very moderate when compared with the values of the trees saved."

### Advance In Aviation

333 Planes Now In Operation In The Dominion

Aviation in Canada is developing rapidly. A recent official compilation disclosed that 333 aeroplanes in operation in the Dominion compared with 101 early in 1928. Of the total of 333 planes, 216 are engaged in commercial work and 87 in the service of the Canadian federal and provincial governments on forest protective work, mail photography, mail carrying and a variety of other tasks that call for speed. There are now 44 air harbors in Canada as compared with 25 at the beginning of 1928. Licenses held by commercial pilots as at Jan. 1, 1929, number 190 or more than four times the number held on the corresponding date last year.

### Silver Fox Most Important

It has always been the practice of fur trappers to keep foxes caught in the warm weather alive, when possible, until the winter season, so that the fur is prime, and consequently more valuable. From this custom has arisen the modern industry of fur farming. Several other animals are being raised in captivity, notably the mink, raccoon, skunk, marten, fisher, beaver and muskrat, but more important than all of the rest combined is the silver fox.

### Notable Rocky Mountain Pass

Jarvis pass, a densely timbered crossing on the Alberta-British Columbia international boundary, is remarkable for containing a number of small lakes on its summit, distributed on both sides of the watershed. The water from some of the lakes flows westward to the Pacific while from the others it runs eastward to the Atlantic.

Professor (to student) — "How dare you commit me, sir?" Student — "Well, I'm paying for this course and the customer is always right."

Rena: "Another argument with your husband? What's the trouble this time?" Freda: "The same old thing. I'm right and he won't agree with me."

Mother-in-law: "My dear girl, any women would be satisfied with what John says he gives you?" Young Wife: "So would I."

A volunteer defense force is to be formed by the Irish Free State in aid of the regular army and national reserves.

## Mouldy Butter

Many Factors May Prove To Be The Cause For This Condition

Creamery butter which passes muster in making into the hands of the trade may afterwards develop certain defects. One of the most serious defects that crop up in this way is the presence of mould spots on the surface and on the parchment covering. Addressing the Canadian Creamerymen's association, Dr. E. G. Hood, chief of the division of dairy research in the Department of Agriculture at Ottawa, pointed out that while trouble from mould is decreasing from year to year, it still appears at times in both commercial and exhibition butter. Creamerymen were urged to find out the sources of this trouble so as to apply preventive measures. Doctor Hood pointed out that mould has been found to enter largely from the following sources: Improperly pasteurized cream; recontamination of pasteurized with vat cream; insanitary equipment, as holding vat, conductor pipes, pumps, outlet valves, unsterilized churns and packing equipment; improperly treated liners; carelessly stored salt; air infection from insanitary surroundings.

As an aid to discovering the cause of the trouble and to deciding remedies best to employ, creamerymen were recommended to procure and study Bulletin No. 48, "The Cause and Prevention of Mould in Butter," available from the publication branch of the Department of Agriculture at Ottawa.

## Watching The Little Things

Many Matters Receive Consideration of League of Nations.

While the primary work of the League of Nations is to promote international peace, many and varied matters are brought before it for their consideration. For instance a new road sign which the Westminster City Council is going to introduce has been recommended by the League. It is the sign "P", and wherever it appears the motorist in Western will know that he is a liberty to park his car. The sign has been agreed upon as an international one, provided it is considered successful when tried out at Westminster; so the British motorist in Berlin, Stockholm, or Copenhagen will know without having to make tedious inquiries, whereabouts he may leave his car without incurring the displeasure of a policeman.

## New Peaks of Progress

Canada Fifth Among The Nations In Volume of Exports

In his review of the year 1928, as Minister of Trade and Commerce, Hon. James Macdonald points out that while the year of the Diamond Jubilee of Confederation (1927), created new peaks of progress, the year 1928 went even beyond those records. He points out that while Canada ranks only 28th in population, it comes fifth among the nations in the volume of its exports; third in its trade balance; second in its per capita exports and first in its per capita trade balance.

## Heavy Yield of Wheat

Adeloid Hotel, whose farm is about a mile north of the Canadian Government Experimental Farm at Beaver Lodge, Peace River, Alberta, threshed 57 acres of Garnet wheat that averaged 49 bushels to the acre. The land on which the wheat was grown was semi-arid and was broken in 1927.

The northernmost telephone pole in the Western Hemisphere is at, Norway, Alaska. The line is maintained by the government.

## BRANCH LINE BUILDING PROGRAM



Announcement of a large branch line building program of the C.P.R. and C.N.R., totalling nearly \$80,000,000, has launched a strenuous "rival" conflict for the whiphand. Above are shown: 1. Sir Henry Thornton, president of the C.N.R.; 2. Hon. Charles A. Dunning, minister of railways and canals; 3. E. W. Dealy, president of the C.P.R.

## Smut Diseases Of Plants

Minute Parasitic Organisms That Live On The Tissues Of Growing Plants

According to the latest reports of scientific workers, smut diseases are not confined to cultivated plants. Smuts are caused by microscopic, fungi, minute parasitic plants, incapable of manufacturing their own food, these fungi live on the tissue of plants. As a result of this the plant upon which the fungi live—the smut plant—is seriously injured. The purposes for which it is cultivated are interested with, or frustrated altogether, and in some instances the plant dies.

Spores are formed by the fungi, and in the case of the spores of stinking hump of wheat, eight bushels side by side, are equal to the width of a human hair. The spores of the loose smut of wheat are smaller still, and eight of them are required to equal the width of a hair.

These fungus spores are not seen to the unaided eye, though they do reproduce their kind. They are minute, round or roundish plant-cells, finer and lighter than dust or similar substances easily carried in the air.

The "Smut Diseases of Cultivated Plants and the Thorax" is a new form of the subject of a most interesting bulletin published by the Department of Agriculture at Ottawa. It deals with the smuts of wheat, barley, oats, rye, corn, timothy, etc., and explaining in detail the various treatments for seed.

## Wrong For Sixty Years

Error in Whitaker's Almanac Has Just Been Discovered

After sixty years publication an error has been discovered in Whitaker's Almanac.

One the Zodiacal figures has been printed wrongly.

In the 1929 volume—the first—of the editor-in-chief points out that Capricornus now appears in his true shape as a marine monster—a sea (not a) goat.

This erroneous drawing on the title page and in the calendar had remained undiscovered until a short time before the present edition was placed on the press.

Considering that this almanac, as is rightly claimed, is cited by the public—correspondents from all parts of the world suggesting and criticising it every year—it is remarkable that the error should not have been discovered until the 61st year.

## Assisting Canada's Navigators

For the benefit of navigators, six stations on the east coast of Canada, seven on the Great Lakes, and three on the west coast broadcast twice daily at certain specified hours information covering weather forecasts, position and state of danger to shipping, etc. In cases of urgency, such as hurricane warnings, the information is immediately sent forth.

## Ask Better Freight Rates

Vancouver—Backed by the United Farmers of the three prairie provinces, the United Farmers of B.C. will carry British Columbia's claim for better freight rates to the governor-in-council at Ottawa.

"What is a 'preparedness parade'?" "A rehearsal of the wedding march, my son."

The wettest day recorded happened on June 14, 1911, at Bagin, Philippines, when forty-six inches of rain fell.

## Says Ants Produce Music From Bodies

Well Known Scientist Has Made Study of Insect Life.

Amazing discoveries about insect life have been made by Dr. Robert Staiger, the well known scientist, who has been making study of the lives of different varieties of ants. Dr. Staiger's discoveries occurred while on an expedition trip. Noting a nest of large red ants, he decided to search their manovours when, to his astonishment, the insects began to emit tiny musical sounds. He decided to investigate. Suddenly a number of the ants began knocking with the end of the abdomen upon the thin, resonant wall of the homestead, thus producing a sound that was evidently intended for an alarm signal. Dr. Staiger also discovered that some of the ants played actual instrumental music.

"All of these musicians," he states, "make use of a similar instrument, differing only in being attuned to a higher or lower pitch. This instrument consists of two different parts which I have named the lute and the plectrum."

"The lute is situated on the abdomen, and consists of microscopically long grooves. The plectrum is in the shape of a rod or pencil attached to the segment that initiates the abdominal vibrations. When the lute moves its abdomen rapidly up and down the pencil moves in brief intervals across the grooves on the abdomen."

"There then ensues a sort of humming chirp which is perceptible by hearing only when the insect moves the little musicians unite in a symphony."

## Annoying Paris Bankers

Rich Man Makes Out All Cheques In Roman Numerals

A certain practical joker among the rich men of Paris is causing banks and tradespeople a lot of annoyance by making out his cheques in Roman numerals.

"Pay to the order of John Doe CXXIV francs . . ." reads one cheque for example. So far none of the banks have refused to cash the cheques, but in each case the recipients have been shunted from office to office. In each case it has taken no less than an hour to obtain the money.

A wit who received the cheque explained to the paying teller that Roman numbers were the only ones used in French up to the tenth century and they were just as valid in France as the ordinary Arabic, which are the numbers now used universally.

## Limestone in Canada

Every province in Canada except Prince Edward Island contains workable deposits of good quality limestone. In the case of Saskatchewan the limestone is inaccessible at present and it is not worked. Ontario is the principal producer followed by Quebec, Manitoba, British Columbia, Nova Scotia, New Brunswick, and Alberta in order of production.

## A Narrow Escape

Jimmy came home and said, "I almost had some watermelon to-day."

"How was that?" his mother asked.

"I was over playing at Sammy's house, and his mother opened the ice-box, and there was a watermelon in it. Sammy said, 'Couldn't we have some?' and if she had said 'Yes,' we would have."

Patent—"Doctor, I often feel like killing myself. What shall I do?" Doctor—"Leave it to me!"

## Improvement In Canadian Cheese

Compulsory Grading Has Brought About Steady Advance In Quality

Canadian cheese has made a steady advance in quality since compulsory grading began in 1923. In a review of grades during the past year Mr. Joseph Burgess, chief of the division of dairy products, in the Department of Agriculture at Ottawa, brought out the fact that about 93 per cent of the entire make of the Dominion, with 88 per cent of the cheese graded, scored in the classes for "special" and "first grade."

All of the provinces have shown a marked improvement in quality, with Ontario leading in this respect with 96.7 per cent in the two highest grades. In the first year of grading the percentage of the two highest grades was only 78 per cent, which compared with the results last year showed the value of compulsory grading in improving the quality of the output.

Burgess stated that the output of 73 of the 661 factories operating in the province of Ontario graded 100 per cent, while the production of 438 factories graded between 93 and 100 per cent. This was an increase over 1927 of 51 in the number of factories grading 100 and of 102 factories making cheese scoring 93 per cent or more. Improvement was also shown in the quality of cheese made in the provinces where cheese-making is an important branch of the dairy industry.

In Prince Edward Island there was an increase of 3 per cent in the highest grades; New Brunswick, 3.1 per cent; Quebec, 1.8 per cent; and Manitoba, 4.4 per cent. Compared with the previous season, covering all the cheese-making provinces, there was an increase of 8.7 per cent of the output that scored about 93 per cent.

## Clean Milk

Main Sources Of Contamination Are Pointed Out

The sanitary quality of the milk produced on the farms has a tremendous influence upon the welfare of the community. This view is expressed by Dr. Grant Lochhead, bacteriologist to the Dominion experimental cheese mill, who credits the producer and the methods he employs with more importance than the barn and the dairy equipment he possesses.

Elaborate equipment is no guarantee of clean milk. Contamination from all sides must be excluded in the production of the highest grade of milk, and this means that care must be given to stables, animals, utensils, milkers, and the methods used by the milkers.

Clean pails, properly scalded, and the chances resulting for dirt falling from the cow into the pail reduced to a minimum, are two of the main points, and the best places to commence in cleaning up the milk supply. These are the main sources of contamination and any care with minor sources is the neglect of some two main sources is largely wasted effort. Pamphlet No. 79, "Producing Clean Milk," published by the Department of Agriculture, at Ottawa, expresses the view that a clean pail and a clean cow are the main factors in producing clean milk.

Coina Bring Good Price  
A \$50 gold piece, minted in 1852, sold for \$169 at a sale of antique coins at Gettysburg, Pa. One side of the coin was plain, but the other had a figure and inscription, together with the date of issue. The coin was octagonal shaped. Another \$2 gold coin, bearing only the mint-date of 1860, sold for \$6.

Languages learned by young children are forgotten easily, often within a few weeks.

The only people who can raise money easily are those who don't need it badly.



"My matrimonial agency was a great success. My wife divorced me and married one of my clients." — Do-Chatter, Berlin.



## CRUMBLY TEETH

Help your children to have sturdy bodies, sound bones and strong teeth. Give them

## Scott's Emulsion

rich in vitamins. It serves the needs of childhood equally as well as it does grown people.

Scott & Borne, Toronto, Ont. B-68

## THE CRIMSON WEST

Published by Special Arrangement with Thomas Allen, Publisher, Toronto.

CHAPTER XIII.—Continued.

Connie raised her head. "Oh, no, I don't think so, Andy; that must be," she objected.

Andy made a pretence of studying the article in question.

"Yes, yes, sure! That's right! That's right!"

Andy's pipe was now sending out billows of acrid smoke. Connie moved beyond the smoke screen.

Andy's roller, she sat for a moment silently studying the advertisement.

When she raised her head she saw a look of worried yearning in her blue eyes.

"Oh, Andy," she said dreamily, "it must be lovely to feel those soft silky things next your skin."

"I'm—I'm sorry, Connie," stammered Andy. "But I have a treat in the oven."

"Just a minute Andy," she pleaded, "there is something else I want to ask you."

Andy, who was a cat for a moment, turned and looked at her.

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Donald's face lighted with a glad smile as he saw Connie.

"Miss Kemble, I want you to meet Miss Wainwright."

Connie's face burned with embarrassment as all eyes turned toward her, and the mass of wild flowers held crushed to her breast quivered as though shaken by a breeze. She glanced about her quickly, strongly tempted to flee the spot.

For a moment the society belle and the girl of the mountains eyed each other silently. Janet stared at Connie as if she were some strange creature unclassified by science. Connie for the first time was facing a stylishly-dressed member of her own sex. Janet's dress of white silk shimmered in the sunshine, and her broad-brimmed white hat, with lining of pale rose, gave to her beautiful face a rosy glow.

Connie's eyes roamed in admiring awe from the neat high-backed chair to the stiletto shoe and skirt, and then to the flowered hat set jauntily on the shoulders of dark hair.

There was a certain dewy freshness, a native frankness, about Janet's face that made her seem to appear artificial. Her eyes met, and Connie's lips parted in a timid smile revealing two rows of perfect milk-white teeth and firm, rosy lips. Janet's face was a study in contrasts. Her honey heart longed for the friendship of this wonderful girl, but the smile quickly faded when she saw that Janet's eyes remained cold and apragant.

Janet scrutinized Connie's faded blue overalls and coarse cotton shirt, which, even though loose and graceful, could not conceal the gruffly built girl of the hills. Confused by the cold reception, her eyes wide and misty with a hint of pain, Connie turned and fled.

Moving with the easy grace and freedom that an empress might envy, Connie walked to the side of her black coat and fastened it. Her feet like motion spring to his back. Her movements felt struck his sides, and with a faint pained gasp he stepped forward with a speed that sent Connie's hair streaming. His spurring hoofs sent a cloud of dust into the air. A canoodle, he explained with an air of wisdom, "is a fish. It's a fish."

He was interrupted by Connie's peal of laughter. "Oh, Andy," she cried, "you're a funny man!" She turned and ran laughing down the hill.

"Strike me lucky!" exclaimed Andy as he mopped his brow. "It's enough to make a lighter's heart. The poor motherless lad 'comin' to a bloke like me to ask such questions."

He watched Connie as she slowly ascended the trail, still studying the magazine pages.

"But 'twas the 'ell can I 'ep'er?" He pondered deeply for a moment, but, seemingly unable to answer the question, shook his head sadly and turned to his duties.

Fortunately for Janet's peace of mind, none of her friends had recognized in the photograph of the new champion of Canada the handsome young man they had met at her home. They were puzzled by her decision to spend a holiday in the wide world and she casually mentioned that Mr. McLean was arranging for their entertainment, and she accepted with a smile the shy teasing that followed.

The party arrived by special train a day earlier than originally planned, and as Janet stepped to the platform Donald was for a moment disconcerted by the warmth of her greeting and the softness in her eyes as they rested on him.

"That afternoon Connie came riding down the hill holding in her hand an enormous bouquet of Alpine flowers, she leaped from her horse and ran lightly around the corner of the hill building a bonfire of white cloth and hat, came smilingly forward to meet her.

Andy here are some rare flowers. Don't forget that the time was not far distant when some definition would be necessary. In a number of artificial ways she had tried but without success to lead him to talk of himself.

When she put a direct question she saw the lines about his mouth tighten, and his reply carried a tone of such unmistakable rebuke that she face reddened and the subject was instantly dropped.

On the night before Janet's departure a dance was arranged, to which the clerical staff of the Chequamegon Mill was invited. Gills promised a special feature on the programme in the form of an old-fashioned square-dance with his "red-shirts" as the performers.

All that day the skies drizzled continuously; lake and mountain were hidden under a heavy mist. The inclement weather did not dampen the ardour of the merry crowd, who, in silence and silence of every description, gathered flowers and trees to decorate the big dining room that was to be used as a dance-hall.

That night, lights gleamed from every window of the big room, which had undergone a sudden transformation. The walls were one mass of wild flowers, and on the beams overhead small red anders and jackpines stood upright in rows, adding a pungent odour to the air, already burdened with the sweet smell of sweet peas and hyacinths.

Connie learned of the dance, and after dark she slipped quietly down into the valley. She crouched by the open window, and looked at the rain dripping from the eaves, her eyes glued upon the enchanting scene within. She saw Donald and Janet gliding across the floor, and she marvelled at the grace of their movements. The hum of talk, the constant ripple of feminine laughter, the rustle of silk skirts, were all foreign to Connie. She felt a touch of intense and other loneliness, like a stranger in a strange land.

Janet seemed to have thrown aside her cloak of reserve; she brimmed over with the gaiety and merriment that at times her big brown eyes like a troubled lake as they rested on Donald.

"Redshirt" failed to give an exhibition of old-fashioned dancing. Half the men were handkerchiefs, and the other half were cates that they were impersonating. Blackie played the violin while "Fighting" Jack's roaring voice did the "waltz" singing.

Janet joined and gave Blackie a swing. All the men left; back to partner.

Janet's right and left. The Chickadee right and back-act left. Meet your partners and all chaw the night.

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## COUGHS &amp; COLDS

Don't let a cold or cough get the best of you. Use Spohn's Cough Syrup. It's the only one that's been tested by the highest authorities. It's the only one that's been tested by the highest authorities.

## SPHO'S

Spohn's Cough Syrup is the only one that's been tested by the highest authorities. It's the only one that's been tested by the highest authorities.

## Great Britain Saving Moving Picture Films

Plans to Keep Record of Important Events in National Life. Plans for the preservation for posterity of motion picture films of successive, but authentic, events of British history are being laid by the British Empire Film Institute.

This particular work is under the trusteeship of Lord Ashville, Rear Admiral E. R. Evans and Alfred C. Boswell, architect.

The first exhibit obtained by the institute is the original film of Captain Scott's ill-fated expedition to the South Pole, of which Evans assumes command after Scott's death.

Other films which the institute hopes to acquire will show representative features of British life such as Armistice day ceremonies, the Lord Mayor's parade, pictures of the major trade in congested streets and activities of the royal family.

## Says Food Controls Height

Stature of Races Depends On Nutrition. Says Professor of Anatomy.

According to Dr. R. Bennett Bean, a professor of anatomy, who has analyzed the measurements of 1022 groups of people of five continents, nutrition lies the stature of man.

People living near the sea get too much iodine and tend to short stature; inland people get fat, which makes for long bones. The lack of nourishment in the equatorial and arctic zones keeps those people short.

People who live in the fertile temperate zones have more and better food and therefore grow taller. The average height of human beings is five feet five inches.

The tallest group are the Lapps, six feet one inch, and the shortest the African Negrites, four feet three inches, and the Eskimos.

## Dozen Or None

Mr. Nurich had suddenly come into a large sum of money. One day he was passing a furniture shop when four old chairs caught and held his attention.

"But we've only got a dozen to be sold," said the assistant. "They are antiques, you see, sir."

Nurich was not used to this sort of treatment. "All right," he snapped. "Cancel the order!"

## WINDOLITE

MADE IN ENGLAND. COMES WITH A MESSAGE OF HEALTH.

THE sun is the all-powerful life producer. On Nature's universal disinfectant and germ destroyer, as well as stimulant and tonic, WINDOLITE is the sun's most important.

Medical research has definitely proved that from the point of view of Health and Hygiene, the most effective among the sun's rays are the Ultra-Violet rays, which possess the greatest power for the prevention and cure of disease and debility.

Science has further established that ordinary window glass does not allow the passage of Ultra-Violet rays, so that by using glass we are actually excluding these life-giving rays. Therefore, the invention of WINDOLITE is a most important discovery.

Exhaustive experiments have conclusively proved that it is a most effective substitute for glass, that it freely admits the Ultra-Violet rays, and that it is a most powerful germ destroyer.

WINDOLITE stands for 100 per cent. sunlight. It makes light but strong windows for cattle sheds, dairy stables, poultry houses, brooders and all buildings. It is economical, unbreakable, flexible and is easy to cut and fit. It is now being successfully used for nurseries, verandas, schools, factories, hospitals, restaurants, beds, plant coverings and greenhouses. It keeps out cold and rain, and lets in the sun's rays.

A square yard of WINDOLITE weighs about 14 lbs., while a square yard of glass of ordinary thickness weighs about 120 lbs. The improved WINDOLITE requires no varnish. WINDOLITE is made in England.

Price \$1.50 Per Square Yard, f.o.b., Toronto.

Use WINDOLITE and let YOUR PLANT YOUR CHICKENS YOUR CATTLE. Ask in 1925 Sample Send for booklet "WINDOLITE".

Distributors: JOHN A. CHANTLER & CO., LTD. 51 Wellington St. W. TORONTO, ONT.

## Teeth and Health

Insured by The Canadian Dental Hygiene Council and authorized by The Dental Society.

## TISSUE TONE

Just what does the term imply? Well, doubtless at some time or other, you have had your doctor advise that the system needed a general "toning up." This should afford a clue as to the meaning.

Under conditions of normal life, as the tissues grow and perform their functions, worn-out cells die.

As bone grows, it is absorbed little by little to make room for the remodeling and growth of the larger structure. Also, bacteria, ever present in the oral cavity, gains access beneath the protective covering of the mouth tissues.

However, nature has made provision for the disposal of these worn fragments and foreign intruders, by the activities of certain lowly organized cells known as phagocytes.

In health, these little warriors are able to perform their functions of waste disposal and, as well, the more militant duties of combating and destroying the invading organisms.

With a lowered resistance of the body cells, through local or general disturbances, the defence is weakened, permitting in the body a poisoning of the body tissues by the waste materials, and in the other, the securing of a foot-hold by such bacteria as may have gained access to the tissues.

Among those factors tending towards this lowered vitality of the body cells, in other words, of tissue tone, may be cited, as symptomatic diseases; influences exerted through nerve channels, and a poorly nourished blood supply.

But, possibly, in the mouth, the factors are more frequently local in nature and generally result from oral neglect. These include irritations and injuries from wedging foods, deposits of tartar and food debris, and the purely negative factor, the lack of proper masticatory exercise.

Corrective measures such as the use of harder foods requiring more vigorous chewing, and more careful attention to mouth toilet, will in most cases, effectively restore the tissues to a healthy tone.

Trust him implicitly, submit to him fully, and you will find that all shall be well; that more grace will be given you; that the burden of the larger will be the blessed measure of the strength. The Shepherd is leading you in the right way to His own blessed fold. Leave it all to Him.

—Alexander McKenle.

## Minard's Liment prevents Flu.

Classical Music. "Can you distinguish classical music?" asked Mrs. Newerich. "I think so," replied her husband. "When a piece threatens every minute to be a tune and always disappoints you, it's classical."

A good rule for autists is to drive as if their own family were in the other car.

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## Guard Against FLU

## Sore Throat The First Warning.

Few families will escape. This epidemic constitutes a real danger. Health authorities everywhere warn of the danger of the common cold.

"Flu" usually starts with Sore Throat. Unless the germs are killed by some antiseptic treatment a serious ailment may develop.

A simple treatment is to gargle the throat three times daily with Nerville. The antiseptic properties of Nerville quickly destroy the germs in the throat. Of course if the throat is sore Nerville should be rubbed over the affected area—lots of rubbing—it can't burn a blister, but will bring out the congestion and break up the cold.

To prevent "Flu" or colds from gaining headway Nerville will prove most effective. It is hardly necessary to point out that the bowels should be stimulated, and the system purged of all waste materials. For this purpose Dr. Hamilton's Pills are best. They are gentle and effective. They are of no kind. This combination treatment of Nerville and Dr. Hamilton's Pills will prove a very satisfactory prevention for Grippe, Flu, etc.

## A Man Accident

Just came from the old patients' department of a hospital. His head was enveloped in a mass of bandages.

"You were married?" asked the doctor.

"No," replied the patient. "I have been run over."

## Should Eat More Apples

It is estimated that each Canadian consumes on the average 32 apples each year. This might easily be doubled without any damage to either the grower or the consumer. The apple is really one of the finest of fruits.



